# 5

# Adhesives Trowel Notchings, Seam Treatments and Grout



# Adhesives, Trowel Notchings, Seam Treatments and Grout

### A. WORK AREA PREPARATION

When applying adhesives, be sure to follow all instructions regarding the need for proper ventilation of the work area. Good work hygiene practices require careful review of all safety and health warnings and instructions contained in labels, specifications, instruction sheets, safety data sheets and other similar publications. See the Work Site Environment statement at the end of Chapter 2.

### **B. TROWELABLE ADHESIVE APPLICATION**

Most flooring adhesives are applied with a notched trowel. The size of the notching is important because it controls the amount of adhesive applied. Notches that are too large spread too much adhesive. This can cause excessive indentations, trowel ridge show-through or bleeding at tile joints. Always check the adhesive label for the proper notching.

Substrates must be dry, clean, smooth and free from paint, varnish, wax, oils, solvents and other foreign matter. Dust and dirt on the subfloor will hamper the application and bonding of the new adhesive.

Check the amount of working time and open time for each adhesive. Open time is the amount of time recommended for the adhesive to set before it is covered with the flooring. Working time for tile is the amount of time from when the adhesive is set until the tile will no longer bond. Working time for sheet flooring is the amount of time from when the flooring is laid in place until all cutting and fitting is complete. When rolling is recommended, it must be completed within the working time of the adhesive. Both open time and working time are affected by temperature, humidity, and porosity of the subfloor.

There are two ways to fold the material back to spread the adhesive after the room has been fit:

(1) lapping and (2) tubing. To lap the material, pull the material from the end of the sheet and spread the adhesive over one half of the room. Repeat the procedure for the other half of the room. To tube the material, pull the material back from the side of the sheet or tube it lengthwise. You may use both tubing and lapping on some installations.

Roll all sheet goods that are fully bonded with a 100-lb. roller immediately after placing them in the adhesive and again when the job is completed. Start in the center of the sheet and roll back and forth across the sheet to each end. Then reverse this procedure. Starting in the center of the sheet, roll lengthwise from center to edge. Rolling is a very important part of each installation. The bond is not as good if the material is not rolled down into the adhesive. Most Armstrong Flooring tile products do not require rolling.

### C. FLIP SPRAY ADHESIVE APPLICATION

Armstrong Flooring Flip Spray Adhesive is an adhesive used for commercial vinyl sheet, commercial vinyl composition tile, as well as dry back residential luxury vinyl tile. It is important to note that sheet and tile products require different spray patterns. The spray patterns are pictured on the adhesive container.

When applying Flip Spray Adhesive, protect the walls, cabinets and other fixtures from overspray. Allow the adhesive to dry to touch prior to installing the floor covering into the adhesive. All other recommendations as outlined in the trowelable adhesives section apply to the Flip Spray Adhesive.

### D. ENVIRONMENTAL PRODUCT INFORMATION

Armstrong Flooring provides numerous products to help meet environmental criteria unique to adhesives and installation materials. You can use Armstrong Flooring adhesives with confidence, knowing that they have been formulated to provide the working characteristics your installers expect from Armstrong Flooring installation products.

Specific characteristics of each product are listed on the product label. The installation products that follow all have the following characteristics:

- Low in VOCs (meet the requirements of SCAQMD Rule 1168)
- Nonflammable
- · Ammonia-free and low odor



- Contain low or no organic solvents
- Contain no reportable hazardous substances (per current regulations)

### This current list of installation products includes:

- Equalizer<sup>™</sup> Moisture-Cured Urethane Hardwood Adhesive
- FLIP® Spray Adhesive
- ProConnect<sup>™</sup> Acrylic Hardwood Adhesive
- Summit<sup>™</sup> Select All-In-One Hardwood Adhesive
- S-202 SDT Adhesive for Static Dissipative Tile
- S-240 Epoxy Adhesive
- S-235 Sheet Flooring Premium Adhesive
- S-254 Residential Sheet Flooring Adhesive
- S-288 Flooring Adhesive
- S-289 Releasable & Permanent Flooring Adhesive
- S-310 Roll Strong<sup>™</sup> Adhesive
- S-515 Tile Strong™
- S-525 BBT® Bio-flooring Adhesive—Clear Thin Spread
- S-580 Flash Cove Adhesive
- S-599 ChoiceStrong™
- S-693 FlexStrong<sup>™</sup> Acrylic Grout
- S-700 Floor Tile Adhesive—Thin Spread
- S-725 Wall Base Adhesive
- S-750 Premium Floor Tile Adhesive
- S-780 Linoleum Adhesive
- S-799 High Moisture Adhesive for Linoleum and Rubber Tile
- S-980 Flooring Adhesive
- S-1000 Flooring Adhesive
- S-1840 Quiet Comfort Luxury Flooring Underlayment
- S-1841 Quiet Comfort Floating Underlayment

### E. TROWEL NOTCHINGS

# S-891 Notched Steel Trowel (fine notched side) S-892 with S-894 Replacement Blades

Fine Notching: 1/32" deep, 1/16" wide, spaced 5/64" apart

For: S-202 S-543 S-240 S-599 S-288 S-700 S-515 S-750

S-525

S-235 S-254 over non-porous subfloors or existing resilient floors



# S-891 Notched Steel Trowel (regular notched side) S-892 with S-893 Replacement Blades

Regular Notching: 1/16" deep, 1/16" wide, spaced 3/32" apart

For: S-235 over porous subfloors S-254 over porous subfloors

S-780

S-799

S-240 for Rubber Tile and Linoleum over porous subfloors



# **Smooth Edge Trowel**

For: S-184

S-194

S-456



# S-52 Notched Spreader "S" Disposable Spreader

Notching: 1/32" deep, 1/16" wide, spaced 5/64" apart

For: S-240



# S-53 Notched Spreader "L" Disposable Spreader

Notching: 1/16" deep, 1/16" wide, spaced 3/32" apart

For: S-725

S-240 Rubber Tile





# **U-Notch Trowel**

Notching: 1/32" deep, 1/16" wide, spaced 1/32" apart

For: S-288

S-1000



# **Square Notch Trowel**

Notching: 1/16" deep, 1/16" wide, spaced 1/16" apart

For: S-980





# Flip Spray Adhesive



# **CAUTION**

### FLIP EYE AND SKIN IRRITANT

For use with the following Installation Systems:

- Residential Luxury Vinyl Tile
- Commercial Vinyl-Backed

- Commercial Heterogeneous and Inlaid
- Commercial Vinyl Composition Tile

DESCRIPTION:	
Type:	Spray Adhesive
Color:	White
Taggants:	None
Trowel:	N/A
Coverage:	140-170 sq. ft./can (13-16 sq. m)
	Luxury Vinyl Tile and Commercial Vinyl Sheet
	170–200 sq. ft./can(16–19 sq. m) Vinyl Composition Tile
Units:	22 oz. can
Open Time:	Until dry-to-touch: approximately 30 minutes or more
Working Time:	Up to 4 hours (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	No, keep from freezing
	Store inside at a temperature of 60–100° F.
VOC Content:	Zero g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, polymeric poured floors and suspended wood
Advantages:	"Cradle to Cradle" Certified, Moisture and alkali resistant
	Strong, early grab
	AGIS Guarantee
	Nonflammable, ammonia-free and low odor
	Contains low or no organic solvents
	Suitable for heavy rolling loads
	Allows immediate traffic
	Vinyl sheet can be heat welded immediately

DO NOT USE OVER: Concrete with excessive moisture and/or alkali; existing cushion-backed resilient flooring; substrates treated with fire-retardant chemicals, fungicides, preservatives, release agents, adhesive removers, sealers, curing compounds or other incompatible treatments.



# S-135 VapArrest Professional Moisture Retardant System



**CAUTION** 

S-135 EYE AND SKIN IRRITANT

For use with the following Installation Systems:

- Laminate Flooring
- Fiberglass-Reinforced (Modified Loose Lay Method)
- ToughGuard II (Modified Loose Lay Method)
- Luxe Plank

# **DESCRIPTION:**

Two-part cross-linked epoxy resin  Pale Red  Stir well before using. Using a power mixer, mix both components  A & B in the pail containing part A (1/2" drill and paint or plaster paddle).  Mix thoroughly for 2 minutes eliminating all color/clear streaks. Do not over mix.
Stir well before using. Using a power mixer, mix both components  A & B in the pail containing part A (1/2" drill and paint or plaster paddle).
A & B in the pail containing part A (1/2" drill and paint or plaster paddle).
Mix thoroughly for 2 minutes eliminating all color/clear streaks. Do not over mix.
Medium nap paint roller with extension handle
270 sq. ft./gallon unit at 6 mil using a medium nap roller
Each unit (ctn) contains 1 part A & 1 part B Quart, 1.1 Gallon, 2.2 Gallon
8-24 hours when tack free
60 minutes (May vary based on job conditions, substrates, temperature and humidity)
1 year, unopened
Yes, to 10° F (-12° C)
Zero g/L; calculated and reported, SCAQMD 1168
Remove wet or uncured materials with mineral spirits
Concrete, properly mixed and applied Portland Cement based underlayments, primed, properly prepared poured
Reduces water vapor transmission up to 75% (to less than 3 lbs./1000 sq. ft./24 hrs.)
Reduces potential for mold & mildew growth
No additional prep time, easy to apply, rapid curing; ready to install next day
Used over cementitious leveling compounds, environmentally friendly
Low odor, no VOCs & low perm rating



# **S-202 SDT Adhesive for Static Dissipative Tile**



CAUTION

S-202 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

For use with the following Installation System:

• Static Dissipative Tile (SDT)

DESCRIPTION:	
Type:	Water-based resin
Color:	Black
Taggants:	None
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel with S-894 Fine Notch Blade
	Fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	Approximately 150 sq. ft./gal. (14 sq. m)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Shelf Life:	6 months, unopened
Freeze/Thaw Stable:	No, keep from freezing
VOC Content:	< 50 g/L; calculated and reported, SCAQMD 1168
Open Time:	Until dry to touch, 60 minutes or more
Working Time:	Up to 6 hours (May vary based on job conditions, substrates, temperature, and humidity)
Clean Up:	Wet or Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete and suspended wood
	Ceramic, terrazzo, polymeric poured and certain metal subfloors when properly prepared with S-194
	Radiant Heated subfloors where the surface temperature does not exceed 85° F (29° C)
Advantages:	Moisture and alkali resistant
	Long working time (up to 6 hours)



# **S-235 Sheet Flooring Premium Adhesive**



**CAUTION** 

S-235 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

For use with the following Installation System:

Residential Felt-Backed

DESCRIPTION:	
Type:	Water-based rubber resin
Color:	Cream
Taggants:	Yes — 50% yellow and 50% orange
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel with S-893 Regular Notch or S-894 Fine Notch Blades
	Porous subfloors: Regular notch — (1/16" deep, 1/16" wide, 3/32" apart), U-notch
	Nonporous subfloors or existing resilient floors: Fine notch — (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	Regular notch: 125–150 sq. ft./gal (12–14 sq. m)
-	Fine notch: 225–275 sq. ft./gal (20–25 sq. m)
Units:	1 quart (0.946 L); 1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Porous subfloors (wood, concrete) — 0 to 20 minutes
	Nonporous subfloors (existing flooring) — 10–20 minutes
Working Time:	Up to 40 minutes (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	<2 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, lead, copper, brass, bronze, polymeric poured floors and approved suspended wood
	Radiant heated subfloors where the surface temperature does not exceed 85° F (29° C)
Advantages:	Strong, fast initial grab (helps prevent edge curl)
	Moisture and alkali resistant
	Excellent bond integrity
	Solvent-free and low odor



# **S-240 Epoxy Adhesive**



**CAUTION** 

S-240 EYE AND SKIN IRRITANT

MAY CAUSE ALLERGIC SKIN OR RESPIRATORY REACTION VAPOR HARMFUL MIXING PART A AND PART B MAY GENERATE HEAT BUILD-UP

- Commercial Linoleum
- Vinyl Composition Tile (Safety Zone in Specialty Areas)
- Commercial Luxury Vinyl Tile

- Commercial Vinyl-Backed
- Commercial Heterogeneous and Inlaid
- Commercial Stair Tread and Rubber Tile

NOTICE	E — DO NOT USE AT TEMPERATURES ABOVE 85° F (29° C)
DESCRIPTION:	
Type:	Two-part epoxy
Color:	Part A — Light Gray; Part B — Beige
Taggants:	Blue
Trowel:	S-891 Notched Steel Trowel — Fine notching
	S-892 Replaceable Blade Trowel with S-894 Fine Notch Blade
	Fine notch — (1/32" deep, 1/16" wide, 5/64" apart), U-notch
	For Rubber Tile:
	S-891 Notched Steel Trowel — Regular notching
	S-892 Replaceable Blade Trowel with S-893 Regular Notch Blade
	Regular notch — (1/16" deep, 1/16" wide, 3/32" apart), U-notch
	Note: For linoleum and vinyl sheet products, trowel ridges must be rolled out using a 3/16" nap paint roller
Coverage:	170–190 sq. ft./gallon (15–17 sq. m)
Units:	1/2 gallon (1.89 L); 1 gallon (3.78 L) — Both are two-part units
Open Time:	Approximately 10–20 minutes (Set-in-wet)
Working Time:	Up to 1 hour (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	Part A and Part B —10 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, lead, polymeric poured floors and approved suspended wood
	Radiant heated subfloors where the surface temperature does not exceed 85° F (29° C)
Advantages:	Moisture and alkali resistant
Auvaniayes.	Suitable for use with most Armstrong Flooring commercial installation systems
	outlable for use with most Annistrong Frountly Continuerdal Installation systems



# **S-254 Residential Sheet Flooring Adhesive**



**CAUTION** 

S-254 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

For use with the following Installation System:

• Residential Felt-Backed

_	No. 1. A. M. C.
Type:	Water-based rubber resin
Color:	Tan
Taggants:	Yes — 50% yellow and 50% orange
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel with S-893 Regular Notch or S-894 Fine Notch Blades
	Porous subfloors: Regular notch — (1/16" deep, 1/16" wide, 3/32" apart), U-notch
	Nonporous subfloors or existing resilient floors: Fine notch — (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	Regular notch: 125–150 sq. ft./gal (12–14 sq. m) — 14–17 sq. yd./gal
	Fine notch: 225–275 sq. ft./gal (20–25 sq. m) — 25–31 sq. yd./gal
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Porous subfloors — 0 – 20 minutes
•	Nonporous subfloors — 10 – 20 minutes
Working Time:	Up to 20 minutes over concrete; up to 60 minutes over wood and other substrates (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	5 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
•	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainles steel, aluminum, polymeric poured floors, and suspended wood; primed, poured-in-place gypsum subfloors
	Radiant heated subfloors where the surface temperature does not exceed 85° F (29° C)
Advantages:	For Full Spread and Perimeter Plus systems
•	Moisture and alkali resistant
	Strong, early grab
	Nonflammable, ammonia-free and low odor
	Contains low or no organic solvents



Chapter 5 —Adhesives, Trowel Notchings, Seam Treatments and Grout

# **S-288 Flooring Adhesive**



**CAUTION** 

S-288 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

- Fiberglass-Reinforced Sheet Flooring
- ToughGuard II
- Alterna

- Residential LVT Planks
- Rigid Core Planks
- Commercial Luxury Vinyl Tile Flooring

DESCRIPTION:	
Type:	Water-based rubber resin
Color:	Creamy beige
Taggants:	Yes — green glitter
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; Fine notch — (1/32" deep, 1/16" wide, 5/64" apart), U-notch
	For Natural Creations® with Diamond 10® Technology
	1/32" deep, 1/16" wide, 1/32" apart, U-notch
Coverage:	Fine notch: 220-260 sq. ft./gallon (20.4-24.2 m)
	U-notch: 250-300 sq. ft./gallon (23-28 sq. m)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Porous substrates — Set-in-wet: Minimum 10–20 minutes
	Nonporous substrates — Dry-to-touch: 30 minutes or more
Working Time:	Up to 1 hour (May vary based on job conditions, substrates, temperature, and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	< 14 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	For Full Spread Installation Systems
	Moisture and alkali resistant
	Strong, early grab
	Armstrong Flooring Guaranteed Installation System (AGIS) Guarantee included as part of Armstrong Flooring Installation System when installing Armstrong® vinyl-back sheet flooring and residential Luxury Vinyl Tile
	Nonflammable, ammonia-free & low odor; contains low or no organic solvents
	Contains no reportable hazardous substance (per current regulations)



# S-289 Releasable & Permanent Flooring Adhesive



**CAUTION** 

S-289 **EYE AND SKIN IRRITANT** 

# STIR WELL BEFORE USING.

- Fiberglass Reinforced Sheet
- Residential LVT Planks
- ToughGuard II

ESCRIPTION:	
Type:	Water-based rubber resin
Color:	Creamy beige
Taggants:	Yes — 50% yellow and 50% orange
Paint Roller:	Smooth, 1/4" nap paint roller
Trowel (permanent):	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	275-325 sq. ft. (30-36 sq. yds.)/gal (25-30 sq. m) (paint roll)
-	250-300 sq. ft./gal (23-28 sq. m) (trowel)
Units:	1 gallon (3.78 L), 4 gallons/ctn.; weight (38 lbs./ctn.) (17.2 kg./ctn.); 45 ctns./pallet
	4 gallon (15.14 L), 1 pail, weight (37.5 lbs.) (17 kg.); 48 pails/pallet
Open Time:	For all approved subfloors
	Allow the adhesive to set open until dry-to-touch, approximately 45–60 minutes; the adhesive should be tacky with no transfer to fingers
Working Time:	Unlimited
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	0.6 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
•	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	Moisture and alkali resistant
	Fast application with roller
	Easy to repair and remove
	AGIS Guarantee
	Nonflammable, ammonia-free and low odor
	Contains low or no organic solvents



# S-310 Roll Strong™ Adhesive



**CAUTION** 

S-310 EYE AND SKIN IRRITANT

For use with the following Installation Systems:

• Commercial Luxury Vinyl Tile Flooring

DESCRIPTION:	
Type:	Solvent-free aqueous adhesive
Color:	White
Taggants:	None
Trowel:	3/8" nap paint roller
Coverage:	350-400 sq. ft./gallon (13-16 sq. m.) Luxury Vinyl Tile
Units:	4 Gallon (15.14L)
Open Time:	Until dry-to-touch: approximately 15 minutes or more
Working Time:	Up to 4 hours (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	No, keep from freezing; store inside at a temperature 65 – 95 degrees F
VOC Content:	0 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
•	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	Moisture and alkali resistant
	Strong, early grab
	AGIS Guarantee
	Nonflammable, ammonia-free and low odor
	Contains low or no organic solvents
	Suitable for heavy rolling loads
	Allows immediate traffic



# S-515 Tile Strong™



**CAUTION** 

S-515 **EYE AND SKIN IRRITANT** 

# STIR WELL BEFORE USING.

For use with the following Installation System:

• Vinyl Composition Tile

DESCRIPTION:	
Type:	Water-based/latex resin
Color:	Cream; contains visible taggants
Taggants:	Yes — 50% yellow and 50% orange
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	285–335 sq. ft./gal (26–31 sq m)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Dry-to-touch: 30 minutes or more
Working Time:	Up to 24 hours (May vary based on job conditions, substrates, temperature, and humidity)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	Zero g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	Concrete on all grade levels.
	Existing asphalt "cutback" residue that is smooth with no ridges or puddles evident.
	Suspended wood and wood underlayments.
	Existing well-bonded resilient flooring. Not perimeter-bonded or cushion-backed.
	Ceramic tile, terrazzo, marble and polymeric-poured floors.
	Properly mixed and applied powder underlayment and embossing levelers.
	Primed, poured-in-place gypsum subfloors.
	Radiant-heated subfloors where the surface temperature does not exceed 85° F (29° C).
Advantages:	24-hour working time
	Dries clear (allows chalk lines to show through)
	Excellent initial grab
	Moisture and alkali resistant
	Suitable for use with VCT and Safety Zone over high moisture concrete slabs
	Can be used over "cutback" adhesive residue



# S-525 BBT Bio-flooring Adhesive — Clear Thin Spread



**CAUTION** 

S-525 **EYE AND SKIN IRRITANT** 

# STIR WELL BEFORE USING.

- Vinyl Composition Tile
- BioBased Tile

DESCRIPTION:	
Type:	Water-based/latex
Color:	Beige; dries clear
Taggants:	None
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	275–325 sq. ft./gal (25.5–30.2 sq. m/3.78 L)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Dry-to-touch: 20 minutes or more
Working Time:	Up to 24 hours (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	Yes, to 20° F (-7° C)
VOC Content:	16 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	Concrete on all grade levels.
	Existing asphalt "cutback" residue that is smooth with no ridges or puddles evident. Suspended wood and wood underlayments.
	Existing well-bonded resilient flooring; not perimeter-bonded or cushion-backed.
	Ceramic tile, terrazzo, marble and polymeric-poured floors.
	Properly mixed and applied powder underlayment and embossing levelers.
	Primed, poured-in-place gypsum subfloors.
	Radiant-heated subfloors where the surface temperature does not exceed 85° F (29° C).
Advantages:	24-hour working time
	Dries clear
	Excellent initial grab
	Moisture and alkali resistant
	Suitable for use with VCT, BioBased Tile and Safety Zone over high moisture concrete slabs
	Can be used over "cutback" adhesive residue (reduces subfloor preparation time) except when installing VCT or Safety Zone over high moisture slabs
	One step installation, no primer required



# S-543 Commercial Sheet Flooring & LVT Premium Plus Adhesive

ů.

**CAUTION** 

S-543 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

For use with the following Installation Systems:

• Commercial Vinyl-Backed

- Commercial Luxury Vinyl Tile
- Commercial Heterogeneous and Inlaid
- Residential LVT Plank

- Commorcial Frotorogonia	100 de la maia
DESCRIPTION:	
Type:	Water-based/synthetic polymer
Color:	White; contains visible taggants
Taggants:	50% Yellow and 50% Orange
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	225-275 sq. ft. (25-30 sq. yds.) /gal (21-26 sq. m)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Porous substrates — Set-in-wet: Minimum 10–20 minutes
•	Nonporous substrates — Dry-to-touch: 30 minutes or more
Working Time:	Up to 8 hours (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	Zero g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
•	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	Increased working time
ŭ	High bond strength
	Can be used in all commercial vinyl-backed sheet flooring applications
	Strong initial grab for "set-in-wet" sheet installations
	Superior moisture and alkali resistance
	Anti-fungal/mold protection



# S-580 Flash Cove Adhesive



**CAUTION** 

S-580 **EYE AND SKIN IRRITANT** 

# STIR WELL BEFORE USING.

- Commercial Vinyl-Backed
- Commercial Heterogeneous and Inlaid
- Residential Felt-Backed

- Commercial/Residential Linoleum Sheet
- Fiberglass-Reinforced Sheet (Full spread application)
- ToughGuard II

DESCRIPTION:	
Type:	Water-based/resin; pressure-sensitive; acrylic base
Color:	White
Taggants:	Contains no visible taggants
Applicator:	Brush or roller
Coverage:	200–250 sq. ft./ half-gallon (18–23 sq. m)
Units:	Half-gallon (1.89 L)
Open Time:	Dry to pressure sensitive state; minimum of 20–30 minutes
Working Time:	Unlimited (May vary based on job conditions, temperature, humidity, air circulation, etc.)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	Zero g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Walls:	Standard, structurally sound
Advantages:	Moisture and alkali resistant
	Excellent grab
	AGIS Guarantee
	Nonflammable, ammonia-free and low odor
	Contains low or no organic solvents



# S-599 ChoiceStrong™



**CAUTION** 

S-599 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

For use with the following Installation Systems:

- Commercial Vinyl-Backed
- Commercial Heterogeneous and Inlaid
- Residential LVT

# **DESCRIPTION:**

_	
Type:	Water-based resin
Color:	Creamy beige
Taggants:	Yes — blue glitter
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	250-300 sq. ft./gallon (23-28 sq. m)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Porous substrates — Set-in-wet: Minimum 10–20 minutes
	Nonporous substrates — Dry-to-touch: 30 minutes or more
Working Time:	Up to 1 hour (May vary based on job conditions, temperature, humidity, air circulation, etc.)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	< 14 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
	Radiant Heated subfloors where the surface temperature does not exceed 85° F (29° C)
Advantages:	For Full Spread and Perimeter Plus systems
	Moisture and alkali resistant
	Strong, early grab
	AGIS Guarantee
	Nonflammable, ammonia-free, and low odor
	Contains low or no organic solvents



# S-693 FlexStrong™ Acrylic Grout



# **CAUTION**

S-693 **EYE AND SKIN IRRITANT** 

For use with the following Installation System:

• Groutable tile installation systems

DFS	CRI	IPT	INN∙

Type:	Premixed sanded acrylic grout
Color:	Available in a variety of colors
Taggants:	None
Float:	Hard epoxy
Coverage:	350 sq. ft./gal. (32 sq. m) with 1/16" joint spacing
	325 sq. ft./gal. (30 sq. m) with 1/8" joint spacing
	275 sq. ft./gal. (25 sq. m) with 3/16" joint spacing
	225 sq. ft./gal. (21 sq. m) with 1/4" joint spacing
Units:	1 gallon (3.78 L)
Open Time:	Approximately 3 to 8 minutes
Working Time:	Up to 10 minutes (May vary based on job site conditions, substrates, temperature and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	No, keep from freezing
VOC Content:	15 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Use clear cool water and a sponge. Do not allow grout to dry on face.
Advantages:	Premixed-ready to use
-	Resists cracking
	Color consistent
	Stain resistant
	Easy clean up



# S-700 Floor Tile Adhesive — Thin Spread



**CAUTION** 

S-700 **EYE AND SKIN IRRITANT** 

# STIR WELL BEFORE USING.

- Vinyl Composition Tile
- BioBased Tile

DESCRIPTION:	
Type:	Water-based/asphalt-rubber
Color:	Black
Taggants:	Contains no visible taggants
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
Coverage:	350-400 sq. ft./gallon (32-37 sq. m)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Until dry to touch; approximately 30 minutes or more
Working Time:	18 hours (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	Zero g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, ceramic, terrazzo and marble; polymeric poured floors, suspended wood and wood underlayments; steel, stainless steel, aluminum, lead, copper, brass and bronze; properly mixed and applied powdered underlayment; primed and poured-in-place gypsum subfloors; radiant-heated subfloors where the surface temperature does no exceed 85° F (29° C).
Advantages:	Moisture and alkali resistant
	AGIS Guarantee
	Nonflammable, ammonia-free, and low odor
	Contains low or no organic solvents
	Can be used over "cutback" adhesive residue (reduces subfloor prep)



# S-725 Wall Base Adhesive



**CAUTION** 

S-725 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

For use with the following Installation System:

• Wall Base, RIsers, and Vinyl Transition Strips

DESCRIPTION:				
Type:	Water-based/rubber-resin			
Color:	Off-white			
Taggants:	Yes — 50% yellow and 50% orange			
Trowel:	1/16" deep, 1/16" wide, 3/32" apart), U-notch			
Coverage:	2-1/2" Wall Base: 375–425 lin. ft./gal (114–130 m lin.)			
	4" Wall Base: 300–350 lin. ft./gal (91–107 m lin.)			
	6" Wall Base: 200–250 lin. ft./gal (61–76 m lin.)			
	7" RISER: 200–250 lin. ft./gal (61–76 m lin.)			
	11-oz. cartridge — 4": 1/8" bead — 18 lin. ft. (5.5 m lin.)			
	30-oz. cartridge — 4": 1/8" bead — 50 lin. ft. (15.2 m lin.)			
Units:	11-oz. cartridge (311.8 grams)			
	30-oz. cartridge (950.4 grams)			
	quart (946 ml)			
	gallon (3.78 L)			
	4 gallons (15.14 L)			
Open Time:	None recommended			
Working Time:	Up to 15 minutes			
Shelf Life:	1 year, unopened			
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)			
VOC Content:	Zero g/L; calculated and reported, SCAQMD 1168			
Clean Up:	Wet — clean, white cloth with neutral detergent and water			
	Dry — clean, white cloth and mineral spirits			
Walls:	Structurally sound and dry wall surfaces			
Advantages:	Moisture and alkali resistant			
	Good wet strength			
	Excellent bond integrity			
	Versatile (use for rubber or vinyl Wall Base)			
	AGIS Guarantee			
	Nonflammable			



# S-750 Premium Floor Tile Adhesive



**CAUTION** 

S-750 **EYE AND SKIN IRRITANT** 

# STIR WELL BEFORE USING.

- Commercial Vinyl Composition Tile
- Residential Dry Back Vinyl Tile
- Primer for wood and concrete with self-adhering tile

DESCRIP	HON.
Type:	

Type:	Water-based/rubber resin
Color:	Cream
Taggants:	Yes — 50% yellow and 50% orange
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; fine notch (1/32" deep, 1/16" wide, 5/64" apart), U-notch
	To apply as a primer, use a brush or medium-nap roller
Coverage:	275-350 sq. ft./gallon (26-33 sq. m)
	Brush or roller (Primer): 350–400 sq. ft./gallon (33–37 sq. m)
Units:	1 quart (946 mL), 1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Until dry-to-touch: approximately 30 minutes or more
Working Time:	Up to 6 hours (May vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	No, keep from freezing
VOC Content:	5 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, polymeric poured floors and suspended wood
Advantages:	Can be used over "cutback" adhesive residue
	Moisture and alkali resistant
	Strong, early grab
	AGIS Guarantee
	Nonflammable, ammonia-free and low odor
	Contains low or no organic solvents



# S-761 Seam Adhesive for Sheet Floors



**CAUTION** 

S-761 EYE AND SKIN IRRITANT

For use with the following Installation Systems:

# Highly Recommended:

Residential Linoleum

### Optional:

- Commercial Linoleum
- Commercial Vinyl-Backed
- Commercial Heterogeneous and Inlaid

- Full-Spread Light Commercial Glass Back
- Fiberglass-Reinforced Sheet Flooring
- ToughGuard II

# **DESCRIPTION:**

Type:	Water-based/ resin
Color:	White
Taggants:	Yes — saturn yellow
Coverage:	1/8" bead, approximately 144 lin. ft./bottle (43 lin. m)
Units:	8 oz. (236 mL) bottle; 12/ctn.
Open Time:	None recommended
Working Time:	15 minutes
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	No, keep from freezing
VOC Content:	136 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	Nonflammable, ammonia-free and low odor
	Contains low or no organic solvents



# S-780 Linoleum Adhesive



**CAUTION** 

S-780 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

- Commercial Linoleum
- Residential Linoleum

_						
П	EC.	CRI	ІОТ	חוי	NI	
11	,	אנו	IPI	11	IV	

Type:	Synthetic Polymer
Color:	White
Taggants:	Yes — 50% yellow and 50% orange
Trowel:	S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; regular notch (1/16" deep, 1/16" wide, 3/32" apart), U-notch
Coverage:	120-135 sq. ft./gallon (11-12.5 sq. m)
Units:	1 gallon (3.78 L) and 4 gallons (15.14 L)
Open Time:	Porous substrates — Set-in-wet: No open time
	Nonporous substrates — 5–10 minutes
Working Time:	Up to 25 minutes (working times may vary based on job conditions, substrates, temperature and humidity)
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10°F (-12° C)
VOC Content:	5.5 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	Moisture and alkali resistant
	Can be installed over concrete slabs with high moisture
	Strong, early grab
	AGIS Guarantee
	Nonflammable, ammonia-free and low odor
	Contain low or no organic solvents



# S-799 High Moisture Adhesive for Linoleum and Rubber Tile



**CAUTION** 

S-799 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

- Linoleum Commercial and Residential
- Rubber Tile

DESCRIPTION:	
Type:	Water-based Synthetic Polymer
Color:	Clear to milky white
Taggants:	Yes — gold, green and black
Trowel:	Linoleum Sheet and Rubber Tile: S-891 Notched Steel Trowel or S-892 Replaceable Blade Trowel; regular notch (1/16" deep, 1/16" wide, 3/32" apart), U-notch Linoleum Tile: 1/16" deep, 1/16" wide, 1/16" apart — V-notch
Coverage:	Linoleum Sheet and Rubber Tile: 220–260 sq. ft./gallon (67–74 sq. m)
Units:	Linoleum Tile: 250–285 sq. ft./gallon (76–86 sq. m) 4 gallon (15.14 L)
Open Time:	Porous substrates— No open time; set-in-wet
орен піпе.	Non-porous substrates — 5–10 minutes
Working Time:	Up to 30 minutes (working times may vary depending on job conditions, substrates, temperature and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	Zero VOCs
Clean Up:	Wet— clean, white cloth with neutral detergent and water Dry— clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	"Cradle to Cradle" Gold Certified
-	FloorScore Certified
	Moisture and alkali resistant
	Can be installed over concrete slabs with high moisture — up to 95% RH
	No open time over porous substrates
	Strong, early grab
	AGIS Guarantee
	Nonflammable, ammonia-free and low odor
	Contain low or no organic solvents



# **S-980 Flooring Adhesive**



**CAUTION** 

S-980 EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

For use with the following Installation Systems:

• Commercial Luxury Vinyl Tile Flooring

DESCRIPTION:	
Type:	Water-based rubber resin
Color:	Creamy beige
Taggants:	Yes — green glitter
Trowel:	1/16" deep, 1/16" wide, 1/16" apart, Square notch
Coverage:	Square notch: 150 – 180 sq.ft./gal (meters)
Units:	4 gallons (15.14 L)
Open Time:	30 minutes or more
Working Time:	Up to 1 hour (May vary based on job conditions, substrates, temperature, and humidity)
Shelf Life:	2 years, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	< 14 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with neutral detergent and water
	Dry — clean, white cloth and mineral spirits
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	For Full Spread Installation Systems
	Moisture and alkali resistant
	Strong, early grab
	Armstrong Flooring Guaranteed Installation System (AGIS) Guarantee included as part of Armstrong Flooring Installation System when installing Armstrong® vinyl-back sheet flooring and residential Luxury Vinyl Tile
	Nonflammable, ammonia-free & low odor; contains low or no organic solvents
	Contains no reportable hazardous substance (per current regulations)



# **S-1000 Flooring Adhesive**



**CAUTION** 

S-1000 EYE AND SKIN IRRITANT

MAY CAUSE ALLERGIC SKIN OR RESPIRATORY REACTION VAPOR HARMFUL

For use with the following Installation Systems:

• Commercial Luxury Vinyl Tile

DESCRIPTION:	
Type:	Modified Urethane
Color:	Off-White
Taggants:	None
Trowel:	1/32" deep, 1/16" wide, 1/32" apart, U-notch
Coverage:	220260 sq. ft./gallon (20.4-24.2 m)
Units:	2 gallon (7.57 L)
Open Time:	0 minutes
Working Time:	Up to 45 minutes
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Yes, to 10° F (-12° C)
VOC Content:	0.1 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth with water
	Dry — clean, white cloth and mineral spirits or denatured alcohol
Subfloors:	All grade levels of concrete, existing resilient floors, terrazzo, polymeric poured floors and approved suspended wood
	Radiant heated subfloors where the surface temperature does not exceed 85° F (29° C)
Advantages:	High Moisture Guarantee up to 100% RH
	Backed by the Armstrong Flooring Guaranteed Installation System
	Simple one-part system (modified urethane)
	Fast-curing formula with strong, early grab



# **EverSeal Flooring Adhesive—Hardwood/Laminate**



**CAUTION** 

EVERSEAL EYE AND SKIN IRRITANT

# STIR WELL BEFORE USING.

- Residential Laminate Flooring
- Light Commercial Laminate Flooring

DESCRIPTION:	
Type:	Polyvinyl acetate cross-linking emulsion (water-based)
Color:	White when wet; dries opaque in 1 hour; contains no visible taggants
Taggants:	None
Applicator:	Predrilled cap on 16 oz. bottle
Spread Rate:	3/32" (2.4 mm) bead up to 150 sq. ft. (500 lin. ft.)/ 16 oz. bottle
Units:	16 oz. bottle (473 ml); 12 bottles/ctn.; weight 14.4 lb./ctn.
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	Keep from freezing
VOC Content:	25 g/L; calculated and reported, SCAQMD 1168
Clean Up:	Wet — clean, white cloth dampened with warm water.
	Dry — can be easily peeled away; remove residue/haze with cloth dampened 8 oz. (1 cup) white distilled vinegar to 1 gal. water (1:16 ratio)
Subfloors:	All grade levels of concrete, existing resilient floors, ceramic, terrazzo, marble, steel, stainless steel, aluminum, polymeric poured floors and suspended wood
Advantages:	Nonflammable
	Easy clean up
	Designed to create a strong water resistant bond between tongue and groove; use for laminate installations full bathrooms, high moisture areas and light commercial environments



# S-500 Seam Coating Kit



**CAUTION** 

S-500 EYE AND SKIN IRRITANT

### STIR WELL BEFORE USING.

For use with the following Installation Systems:

Required: Optional:

• Residential Felt Backed • Full-Spi

- Full-Spread Light Commercial Glass BackFiberglass-Reinforced Sheet Flooring
  - ToughGuard II

### **DESCRIPTION:**

Type:	2 part urethane seam coating kit
Coverage:	50–60 lin. ft. per kit
Units:	One kit contains:
	Part A — seam coating (14.5 g)
	Part B — seam coating accelerator and deglosser (4.5 g)
	Mixing bottle
	Applicator tip
Open Time:	None recommended
Working Time:	3 hours
Shelf Life:	1 year, unopened
Freeze/Thaw Stable:	No, keep from freezing
VOC Content:	Part A: 60.9%
	Part B: 77.8%
Clean Up:	Wet (within 1 minute of application) Wipe up with a clean white cloth dampened with lighter fluid (naptha)

### Subfloors:

# **Preparing the Seam**

After the flooring has been installed and the seams are firmly bonded and rolled, clean adhesive residue from the seam area using a clean, white cloth dampened with detergent and water. Avoid the use of solvents as they may contribute to staining at the seam area. Be sure seam and surrounding areas are dry before beginning the seam coating procedure.

### Mixing Part A (Coating) with Part B (Accelerator) Preparation

Each applicator bottle contains enough Part B Accelerator to mix with 14.5 grams of Part A Coating. The entire contents of both bottles must be mixed together to get the proper cure. Mix components over scrap material or newspaper to protect from spills.

### Mixing

**Step 1:** Gently shake container of Part A for approximately 5 seconds. Pour entire contents of Part A into the Part B bottle.

**Step 2:** Shake vigorously for 1–2 minutes until there is no residue visible in the Part B bottle.

**Step 3:** Pour mixed contents into the applicator bottle.

**Step 4:** Carefully cut no more than 1/32" from the tip of the applicator nozzle and attach it to the applicator bottle. The coating is usable for approximately 60 minutes.



Chapter 5 —Adhesives, Trowel Notchings, Seam Treatments and Grout

### **Application**

- Practice applying the coating on scrap material to get a consistent 1/8" wide bead of coating.
- Tilt the applicator to an angle of about 30° while applying coating.
- Do not attempt to insert the nozzle into seam.
- Apply 1/8" wide bead of coating centered on top of seam.

### **Finishing**

The seam coater cures within 2–3 hours, so use of protective covers may not be needed. If coated seams are covered, however, be sure that protective covers do not touch the seam coating. Cardboard cores from vinyl sheet flooring make excellent protective covers when cut in half lengthwise to form a "tunnel." Place protective covers over the seam areas and secure in place with paper masking tape. When finished coating seams, find a safe place to remove nozzle and allow contents of applicator bottle to set up. Dispose of solidified materials in accordance with applicable federal, state and local waste disposal regulations.

### **Repairing Coated Seams**

If dirt gets into the wet seam coating within the first minute of applying the coating or if drops of the coating fall on the flooring other than at the seam, the coating can be wiped up immediately with a clean white cloth dampened with lighter fluid (naptha).

If dirt gets into partially dried seam coating or if dirt is not detected right away wait until coating has cured. Then using the sandpaper, carefully remove the dirty portions of seam coating and recoat the affected area using the applicator bottle or cotton swab to apply the mixture of Parts A and B.

